St Oswald's Computing LTP 2023/2024

Predominant Area of Computing*						
Computer		Information	Digital			
	Science	Technology	Literacy			

*Most units will include aspects of all strands.

Year	Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	Introduction to Purple Mash — Logging in and keyboard recognition Unit 1.9 Technology outside school Weeks — 2 Unit 1.2 Grouping & Sorting Number of Weeks 2 Programs — 2Quiz	Unit 1.3 Pictograms Weeks – 3 Programs – 2Count Unit 1.4 Lego Builders Weeks – 3 Programs – 2Quiz Paint Projects Writing Templates	Unit 1.5 Maze Explorers Weeks – 3 Programs – 2Go	Unit 1.6 – Animated Story Books Weeks 5	Unit 1.7 Coding Weeks – 6 Programs – 2Code	Unit 1.8 Spreadsheets Weeks – 3 Programs – 2Calculate
Online safety – Project	Online Relationships	Privacy and Security	Copyright and Ownership	Health, wellbeing and Lifestyle	Privacy and Security	Online reputation
Evolve	Self Image and relationships			Online Bullying		Online Relationships

Year	Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
2	Unit 2.1 Coding Number of Weeks – 5 Main Programs – 2Code	Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate	Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate 2Calculate	Unit 2.5 Effective Searching Weeks – 3 Programs – Browser 2Quiz Writing Templates *Unit 2.7 Making Music Weeks – 3 Programs – 2Sequence	*Unit 2.6 Creating Pictures Weeks – 5 Programs – 2Paint A Picture Writing Templates	Unit 2.8 Presenting Ideas Weeks – 4 Programs – 2Connect (Mind Map) 2Create a Story (ebook) 2Quiz Writing Templates
Online safety – Project Evolve	Self Image and Identity	Online relationships Online Reputation	Online Bullying	Managing online information Healthy Wellbeing and Lifestyle	Privacy and Security	Copywrite and Ownership

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
3	Unit 3.1 Coding Number of Weeks - 6 Main Programs - 2Code	Unit 3.3 Spreadsheets Weeks - 3 Programs - 2Calculate Unit 3.4	Unit 3.5 Email (including email safety) Weeks – 6 Programs – 2Email	Unit 3.6 Branching Databases Weeks - 4 Programs - 2Question	Unit 3.7 Simulations Weeks - 3 Programs - 2Simulate, Writing Templates Unit 3.8 Graphing Weeks - 2 Programs - 2Graph Writing Templates 2Blog (Blogging)	Unit 3.9 Presenting (with Microsoft PowerPoint or Google Slides) Number of Lessons – 5 or 6 (version dependent) Main Program – MS PowerPoint or Google Slides
Online safety – Project Evolve	Health, wellbeing and life style	Managing information online	Online reputation	Self Image and identity	Privacy and security Copy right and ownership	Online bullying Online relationships

2Code Programs - 2Calculate Programs - 2Em Unit 4.7 Effective Search Number of lessons - 3 Programs - Browser Unit 4.9 Making Music Number of Lessons - 4 Main Program Online safety - Project Evolve Online Relationships Programs - 2Chimate 2 Unit 4.7 Effective Search Number of Lessons - 3 Making Music Number of Lessons - 4 Main Program Privacy and Security Online	Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number of lessons – 6 Main Programs – 2Code Number of lessons – 5 Programs – 2Calculate Number of lessons – 5 Programs – 2Em Number of lessons – 4 Programs – Logo Number of lessons – 3 Programs – 2Animate Unit 4.7 Effective Search Number of lessons – 3 Programs – 2Animate Unit 4.9 Making Music Number of lessons – 3 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 3 Programs – Browser Number of lessons – 3 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 4 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 3 Programs – Animate Number of lessons – 4 P	4	Unit 4.1	Unit 4.3	Unit 4.4	Unit 4.5	Unit 4.6	Unit 4.8
Main Programs - 2Code Code		Coding	Spreadsheets	Writing for different	Logo	Animation	Hardware
Online Safety - Projects Forover Evolve Online Relationships Programs - 2Calculate Programs - 2Em Programs - 2Em Programs - 2Em Unit 4.7 Effective Search Number of lessons - 3 Programs - Browser Unit 4.9 Making Music Number of Lessons - 4 Main Program Copyright and Ownership Information Project Search Number of Lessons - 4 Main Program Privacy and Security Online		Number of lessons – 6	Number of lessons	audiences	Number of lessons – 4	Number of	Investigators
Online Safety – Project Evolve Online Relationships 2Calculate 2Animate		<u> </u>	– 6	Number of lessons – 5	Programs – Logo	lessons – 3	Number of lessons -
Online safety – Project Evolve Online Relationships Online Relationships Online Relationships Unit 4.7 Effective Search Number of lessons – 3 Programs – Browser Online Self Image and Identity Online Copyright and Ownership Information Copyright and Ownership Information Online Relationships Online Relationships		2Code		Programs - 2Em			2
Online safety – Project Evolve Continue safety – Project Evolve Continue Relationships Copyright and Ownership Copyright and Identity Copyright and Identi			2Calculate			2Animate	
Online safety – Project Evolve Continue safety – Project Evolve Continue Relationships Copyright and Ownership Copyright and Identity Copyright and Identi							
Online safety – Project Evolve Online Relationships Effective Search Number of lessons – 3 Programs – Browser Making Music Number of Lessons – 4 Main Program Copyright and Ownership Information Copyright and Ownership and Identity Online Relationships Online Relationships						Linit 4.7	
Online safety – Project Evolve Search Number of lessons – 3 Programs – Browser Managing Online lifestyle Managing Online lifestyle Copyright and Ownership and lifestyle Copyright and Ownership and lifestyle Copyright and Ownership and Information Copyright and Ownership and Information Online Relationships							
Online safety – Project Evolve Number of lessons – 3 Programs – Browser Managing Online Health, wellbeing and lifestyle Number of lessons – 3 Programs – Browser Making Music Number of Lessons – 4 Main Program Copyright and Ownership and Information Self Image and Identity Online Online Relationships							
Online safety – Project Evolve Online Relationships I lessons – 3 Programs – Browser Managing Online Health, wellbeing and lifestyle Copyright and Ownership and Information Copyright and Ownership and Identity Online Relationships							
Online safety – Project Evolve Online Relationships Making Music Number of Lessons – 4 Main Program Making Music Number of Lessons – 4 Main Program Copyright and Ownership Self Image and Identity Online Online Relationships							Unit 4.9
Online safety – Project Evolve Online Relationships Managing Online Health, wellbeing and lifestyle Donline Relationships Managing Online Health, wellbeing and lifestyle Online Relationships Online Bullying Online Relationships Online Relationships							Making Music
Online safety – Project Evolve Online Relationships						Browser	Number of Lessons
Online safety – Project Evolve Online Relationships							
safety – Project Evolve Online Relationships Evolve Information lifestyle and Identity Online							Main Program
safety – Project Evolve Online Relationships Information lifestyle and Identity Online							
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safety – Project Evolve Online Relationships Information lifestyle and Identity Online							
Project Evolve Online Relationships Online		Online Bullying			Copyright and Ownership	_	Privacy and Security
Evolve Online	_	Online Relationshine	information	lifestyle		and identity	
		Omine Kerationships				Online	
Reputation	Lvoive						

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
5	Unit 5.8	Unit 5.1	Unit 5.5	Unit 5.3	Unit 5.4	Unit 5.9
	Word processing	Coding	Game Creator	Spreadsheets	Databases	Using External
	(with Microsoft	Number of lessons –	Number of lessons – 5	Number of lessons – 6	Number of lessons –	Devices – Purple
	Word or Google	6	Programs – 2DIY 3D	Programs – 2Calculate	4	Chip
	Docs)	Main Programs -			Programs -	Number of Lessons
	Number of Lessons	2Code		Or	2Question,	- 6
	-8			Unit 5.7	2Investigate	Main program -
	Main program - MS				Or	2Code Purple Chip
	Word or Google Docs			Concept Maps Number of lessons – 4	OI	and app
				Programs – 2Connect	Unit 5.6	
	Final piece shows	Final piece: includes		r i ogi ams – 200meet	3D Modelling	
	evidence of	evidence of			Number of lessons –	
	improvements to the	sequencing, selection			4	
	content.	and repetition			Programs – 2Design	
					and Make	
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Online	Health, wellbeing	Self Image and Identifty	Online Bullying	Copywrite and	Online Reputation	Privacy and Security
safety	and lifestyle	luelitilty		Ownership		
Project	Managing online	Online Relationships				
Evolve	information	ommo monderomonipo				
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Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
6	Unit 6.1	Unit 6.4	Unit 6.5	Spreadsheets	Unit 6.8	Unit 6.7
	Coding (Computer	Blogging	Text Adventures	Number of lessons – 6	Understanding	Quizzing
	Science)	(Information	Number of lessons – 5	Programs – Excel	Binary	
	Number of lessons	Technology)	Programs – 2Code,		Number of Lessons	
	-6	Number of lessons –	2Connect		- 4	Weeks – 6
	Main Programs -	4			Main Program -	Programs – 2DIY
	2Code	Programs – 2Blog			2Code	2Quiz
						Text Toolkit
						2Investigate
						(database)
		Unit 6.6				
		Networks				
		Number of lessons -				
		3				
Online	Health, wellbeing	Self Image and	Online Bullying	Copywrite and	Online Reputation	Privacy and Security
safety	and lifestyle	Identifty	, 0	Ownership	1	
-		-		-		
Project	Managing online	Online Relationships				
Evolve	information					